



Service Priorities and Programmes
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Superior Mesenteric Artery Syndrome - A case report and review in literature

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Introduction

Superior mesenteric artery syndrome is one of the rare cause of duodenal obstruction. Yet, high index of suspicion and early diagnosis of this disease is important to prevent life-threatening complication

Objectives

To review the incidence, pathogenesis, diagnosis and treatment of superior mesenteric artery syndrome through a case report from our hospital.

Methodology

Case report and review of existing literature

Result

Its prevalence in general population is estimated at around 0.012-0.3% according to literature. Contrast CT or MRI angiography is the preferred modality nowadays because of their non-invasiveness and anatomical information available. Treatment is generally conservative but in refractory cases surgery is indicated. According to literature, Duodenojejunostomy has the highest success rate but large scale randomised studies is lacking.